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| Substitute for form 1449A/PTO                 |   |    |        | Application Number     |                   |
|   |   |    |        | Filing Date            | November 18, 2003 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT |   |    |        | First Named Inventor   | Robert J. Atmur   |
|   |   |    |        | Art Unit               |                   |
| (use as many sheets as necessary)             |   |    | ssary) | Examiner Name          |                   |
| Sheet   | 1 | of | 1      | Attorney Docket Number | 024.0020          |

| U.S. PATENT DOCUMENTS |              |   |                                |  |   |
|-----------------------|--------------|---|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number  Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| NEW                   |              | US- 5,291,194   | 03-01-1994                     | Ames   | Figures Appear  |
| N 50                  |              | US- 5,646,366   | 07-08-1997                     | O'Connell  |   |
| <del>- /  </del>      |              | US- 5,748,102   | 05-05-1998                     | Вапол  |   |
| <del>-/-</del> -      |              | US- 6,331,759 B1  | 12-18-2001                     | Atmur  |   |
| /-                    |              | US- 6,482,054 B2  | 11-19-2002                     | Treaster et al.                                    |   |
| /                     |              | US- 6,536,365 B1  | 03-25-2003                     | Horton   |   |
|                       |              | US- 6,600,695 B1  | 07-29-2003                     | Nugent et al.                                      |   |
| 7                     |              | US- 6,642,683 B1  | 11-04-2003                     | Atmur  |   |
| /                     |              | US- 2003/0001538 A1   | 01-02-2003                     | Atmur  |   |
| NEW                   |              | US- 2003/0103771 A1   | 06-05-2003                     | Atmur et al.                                       |   |
|                       |              | US-   |                                |  |   |
|                       |              | UŞ-   |                                |  |   |
|                       |              | US-   |                                |  |   |
|                       |              | US-   |                                |  |   |
|                       |              |   |                                |  |   |

|                       |              | NON PATENT LITERATURE DOCUMENTS   |                |
|-----------------------|--------------|---|----------------|
| Examiner<br>Initials* | Cite,<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| NEW                   |              | RIM-116A Rolling Airframe Missile (RAM). United States Navy Fact File. [online]. Retrieved from Internet: <url: factfile="" missiles="" navpalib="" wep-ram.html="" www.chinfo.navy.mil="">.</url:>   |                |
| NEW                   |              | Principles of Naval Architecture, Second Revision, Edward V. Lewis Editor, Published by The Society of Naval Architects and Marine Engineers, Jersey City, NJ, Library of Congress Catalog Card No. 88-60829, ISBN No. 0-939773-01-5.                           |                |
|                       |              |   |                |
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| Examiner  | 11/1-2/-   | Date       | 0/1-1-  |
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